

In the claims:

Cancel claims 1 and 2 without prejudice amend claims 4, 5, 6, 7 and add claim 8.

3. (currently amended) An optical waveguide as defined in claim 48, wherein the waveguide is formed as a silicate fiber, said core being coupled also for adjusting a refraction index profile.

4. (currently amended) An optical amplifier, comprising a component which is an optical waveguide, said optical waveguide including a core, said core being doped with laser-active ions selected from the group consisting of ~~neodym~~neodymium, thulium, holmium, ytterbium, and ~~praseodym~~praseodymium, said core being additionally doped with Ce for reducing radiation sensitivity, said doping with Ce constitutes 5-200% of a concentration of the laser-active ions in mol%.

5. (currently amended) An optical power amplifier, comprising a component which is an optical waveguide, including a core, said core being doped with laser-active ions selected from the group consisting of ~~neodym~~neodymium, thulium, holmium, ytterbium and

~~praseodym~~praseodymium, said core being additionally doped with Ce for reducing radiation sensitivity, said doping with Ce constitutes 5-200% of a concentration of the laser-active ions in mol%.

6. (currently amended) A laser, comprising an optical waveguide including a core, said core being doped with laser-active ions selected from the group consisting of ~~neodym~~neodymium, thulium, holmium, ytterbium and ~~praseodym~~praseodymium, said core being additionally doped with Ce for reducing radiation sensitivity, said doping with Ce constitutes 5-200% of a concentration of the laser-active ions in mol%.

7. (currently amended) An optical device which is used under radiation loading, comprising an optical waveguide including a core selected from the group consisting of ~~neodym~~neodymium, thulium, holmium, ytterbium and ~~praseodym~~praseodymium, said core being doped with laser-active ions, said core being additionally doped with Ce for reducing radiation sensitivity, said doping with Ce constitutes 5-200% of a concentration of the laser-active ions in mol%.

8. (new) An optical waveguide, comprising a core, said core being doped with laser-active ions selected from the group consisting of

neodymium, thulium, holmium, ytterbium, and praseodymium, said core being additionally doped with Ce for reducing radiation sensitivity, said doping with Ce constitutes 5-200% of a concentration of the laser-active ions in mol %.